



HF Happenings 856

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You can now download your copy of HF Happenings from www.sarl.org.za/hf_happenings.asp

Southern African Fauna and Flora <https://zsfaunaandflora.wordpress.com/>

ZS SOTA <https://zssota.wordpress.com>

Zone 38 Award and others <https://zone38award.wordpress.com/>

Worldwide List of HF Beacons <https://iaruhfbeacons.wordpress.com/>

5 MHz (60 metre) allocations <http://www.sarl.org.za/public/contests/contestrules.asp>



Three Local Contests This Week

On Wednesday evening 17 July, the third SARL 80 m Club Sprint takes place from 17:00 to 18:00 UTC with CW and phone activity. The exchange is a RS or RST report and your four figure grid square. At this stage the West Rand ARC are in the lead with the Boland ARC in second place and the Bo-Karoo ARC in third place. Find the rules of page 38 of the March 2019 Radio ZS.

The Winter QRP Contest takes place from 12:00 to 15:00 UTC on Saturday 20 July with CW and phone activity using 5 Watts or less. The first hour is restricted to the 40 metre band and the remaining two hours can be on any HF contest band. The exchange is a RS or RST report and your 6 figure Grid locator.

The ZS2 Sprint is on the air from 14:00 to 15:00 UTC on Sunday 21 July 2019 with CW and phone activity on 40 metres. The exchange is a RS or RST report and your provincial or country abbreviation.

The Rules can be found on pages 45 and 56 of the 2019 Blue Book, the log sheets are available from the Contest page on the League web site.

July

- 15 – Commemoration of the Battle of Delville Wood - 15 to 20 July 1916; closing date Newbie and ZS5 logs
- 16 - Highway ARC Monthly Meeting
- 17 – Wednesday 80 m Club Sprint
- 20 - Winter QRP contest
- 21 - ZS2 Sprint
- 21 to 23 - Winter Wonderland Festival, Gordon's Bay
- 25 - Closing date for August Radio ZS
- 26 and 27 – Franschhoek Mystery Weekend
- 26 to 28 – Winter Celebration, Hogsback
- 27 and 28 - RSGB Islands on the Air (IOTA) contest
- 29 - Closing date for RaDAR, QRP and ZS2 Sprint logs
- 28 to 30 - Winter Wonderland Festival, Gordon's Bay

August

- 3 – Pretoria ARC Flea Market
- 4 – SARL HF Phone Contest
- 9 – National Women's Day; SARL YL Sprint
- 10 – SARL Youth Sprint
- 10 and 11 – WAE DX RTTY Contest
- 11 to 17 – YOTA 2019, Sofia Bulgaria
- 12 – International Youth Day; closing date HF Phone logs
- 16 – closing date YL logs
- 17 and 18 – International Lighthouse and Lightship Weekend
- 18 – SARL HF Digital Contest
- 19 – World Humanitarian Day
- 20 – Highway ARC meeting
- 23 – closing date for September Radio ZS
- 25 – SARL HF CW Contest
- 29 to 31 – Williston Winter Festival

40-foot (12 m) Tesla Coil demonstration for Tesla Birthday Expo

As part of this year's annual celebration of famed inventor Nikola Tesla's birthday, a demonstration of a 40-foot Tesla coil will be the centrepiece of Saturday's event presented by The Tesla Science Centre at Wardencllyffe. The Riverhead News Review reports,

"The Tesla Birthday Expo Saturday afternoon will feature the giant four-story coil presented by its designer, Greg Leyh, an electrical engineer who has built some of the world's largest natural lightning devices.

The coil "will blaze to life on Tesla's historic tower base, producing incredible arcs of lighting and otherworldly sound on a huge scale," a press release for the event said.

The event celebrates the life of Mr. Tesla, at his historic Wardencllyffe laboratory in Shoreham, where his famous 187-foot (57 m) transmission tower once stood. This year's expo commemorates both Tesla's 163rd birthday as well as the centennial of his 1919 autobiography, "My Inventions."

In addition to the Tesla coil demos, the 2019 Birthday expo will have a number of exhibits, including robotics, amateur radio, Tesla coils, Tesla vehicles, cymatics and more. Hands-on science and tech stations will also be available for kids and adults."

Read the full story at <https://riverheadnewsreview.timesreview.com/2019/07/94474/40-foot-tesla-coil-demonstration-planned-for-tesla-birthday-expo-saturday/>

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award (www.sarl.org.za/public/awards/awards.asp)



Morocco, 5C. Members of the Ouirgane Marrakech Radio Group will be active as 5C1M from the mountainous region of Ouirgane (80 km south of Marrakech) sometime between 26 and 30 July. Activity is to celebrate the holiday Throne Day which commemorates the enthronement of the incumbent monarch. QSL via RW6HS.

The Gambia, C5. Przemyslaw, SP3PS, who became a resident of Gambia in 2017, will once again be active as C5SP from Sanyang between 23 July and 5 August. Check out his house as it is being built on QRZ.com (under C5SP and SP3PS). Activity will be on 20 to 6 metres using SSB and FT8. QSL via SP3PS, direct, LoTW or eQSL.

Gabon, TR. Roland, F8EN (ex-CN8EM, FO8BV, 3C3CR), will once again be active as TR8CR from Gabon during the months of October and November. Activity will be on 40 to 17 metres (possibly on 80 m) using CW only. QSL via F6AJA, by the Bureau or direct. When possible, the logs will be uploaded to <http://LesNouvellesDX.fr/voirlogs.php>

African Islands

IOTA Frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Tanzania, 5H. Fabian, DF3XY, is now or expected to be active as 5H1XY from Zanzibar Island (AF-032). The length of his stay is unknown. Activity will be on various HF bands. QSL via his home call sign, direct or by the Bureau.



Tanzania, 5H. Alex, K2BB, Pavel, UU0JR and possibly others will be active as 5H3EME and 5H3UA, respectively, from Zanzibar Island (AF-032), between approximately 15 and 30 November. Activity will be on various HF and VHF bands using CW, SSB, the digital modes and EME. EME will be on 6 and 2 m and possibly 70 cm. Also, look for them to be in the

CQ WW DX CW Contest (23 and 24 November). Look for more details to be forthcoming as well as a Web page.

Djibouti, J2. Jean-Philippe, F1TMY, plans to be active as J28PJ/P from Moucha Island (AF-053) Djibouti, between September and October. Activity will be on various HF bands using SSB and FT8. QSL via F1TMY or ClubLog. For more details, see <http://www.j28pj.ovh/html>

South Africa, ZS. A group of 6 operators from South Africa will once again activate Robben Island (AF-064) as ZS9V during the RSGB IOTA Contest (27 and 28 July) and between 15 and 20 August (this is the weekend of ILLW). Operators mentioned are Paul, ZS1V, Jan, ZS1VDV, Andre, ZS1AN, Oleg, ZS1ANF, Oleg, ZS1OIN and Dominik, DL5EBE. Activity will be on 160 - 10 metres, including 30, 17 and 12 m using CW, SSB and FT8. QSL via M0OXO or OQRS. For more details, see <http://zs9v.org.za>

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 15 to 22 July 2019

4 States QRP Group Second Sunday Sprint
00:00 - 02:00 UTC 15 July
Geographic Focus: North America
Participation: Worldwide
Mode: CW, SSB
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op
Exchange: Member: RS(T), state, province or country and member no; Non-member: RS(T), state, province or country and power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 17 July 2019
E-mail logs to: (none)
Post log summary at:
<http://qrpcontest.com/4sgrp>
Mail logs to: (none)
Find rules at:
www.4sgrp.com/SSS/sss_rules.pdf

Phone Fray
02:30 - 03:00 UTC 17 July
Geographic Focus: North America
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 19 July 2019
E-mail logs to: (none)
Post log summary at: www.3830scores.com
Mail logs to: (none)
Find rules at:
www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 17 July and 03:00 - 04:00 UTC 18 July
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Member: Name and member no; non-Member: Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 20 July 2019
Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)
Find rules at: <https://cwops.org/cwops-tests/>

NAQCC CW Sprint
00:30 - 02:30 UTC 18 July
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: (none)
Max power: 5 watts
Exchange: RST, state, province or country and NAQCC no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
Multipliers: Each state, province, or country once; Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other
Score Calculation: Total score = total QSO points x total mults x key type mult
Submit logs by: 23:59 UTC 21 July 2019
E-mail logs to: naqcc33@windstream.net
jcoreyc@gmail.com
Upload log at:
http://naqcc.info/sprint_submit_log.html
Mail logs to: (none)
Find rules at:
<http://naqcc.info/sprint/sprint201907.html>

QRP Fox Hunt
01:00 - 02:30 UTC 19 July
Geographic Focus: United States
Participation: Worldwide
Mode: CW
Bands: 20 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 02:30 UTC 20 July 2019
E-mail logs to: (see rules)
Mail logs to: (none)

Find rules at:
http://www.qrpfoxhunt.org/summer_rules.htm

NCCC RTTY Sprint: 01:45 - 02:15 UTC 19 July
Geographic Focus: North America
Participation: Worldwide
Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 21 July 2019
E-mail logs to: (none)
Post log summary at:
<http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rttyns.html>

NCCC Sprint
02:30 - 03:00 UTC 19 July
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 21 July 2019
E-mail logs to: (none)
Post log summary at:
<http://www.3830scores.com/>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rules.html>

Russian Radio Team Championship
07:00 - 14:59 UTC 20 July
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW, SSB
Bands: 40, 20, 15, 10 m
Classes: Single Op - CW, SSB or mixed - low or high; Multi-Op
Max power: HP: >100 watts; LP: 100 watts
Exchange: RRTC: RS(T) and 3-character code; Non-RRTC: RS(T) and ITU Zone no
Work stations: Once per band per mode

QSO Points: 1 point per QSO with RRTC stations; 2 points per QSO with non-RRTC station in same zone; 3 points per QSO with different zone
Multipliers: Each ITU zone once per band; Each RRTC 3-character code once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 19:00 UTC 20 July 2019
E-mail logs to: (none)
Upload log at:
http://ua9qcq.com/en/submit_log.php?lang=en
Mail logs to: (none)
Find rules at: <http://srr.ru/chempionat-rossii-po-radiosvyazi-na-kv-rrtc/>

Trans-Tasman Low-Bands Challenge
08:00 - 14:00 UTC 20 July
Geographic Focus: Australia/New Zealand
Participation: Australia/New Zealand
Mode: CW, Phone, Digital
Bands: 160, 80, 40 m
Classes: Single Op - QRP, low or high; Multi-Single; Multi-Multi
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: RS(T) and serial no
Score Calculation: (see rules)
Submit logs by: 27 July 2019
E-mail logs to: ttlogs@wia.org.au
Upload log at:
<https://contester.azurewebsites.net/>
Mail logs to: (none)
Find rules at:
<http://www.wia.org.au/members/contests/trans-tasman/>

Feld Hell Sprint
12:00 - 13:59 UTC 20 July
Geographic Focus: Worldwide
Participation: Worldwide
Mode: Feld Hell
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: (none)
Max power: Standard: 100 watts; QRP: 5 watts
Exchange: (see rules)
Work stations: Once per band
QSO Points: (see rules)
Bonus Points: (see rules)
Multipliers: (see rules)

Score Calculation: (see rules)
Submit logs by: 24 July 2019
Upload log at:
<https://sites.google.com/site/feldhellclub/>
Mail logs to: (none)
Find rules at:
<https://sites.google.com/site/feldhellclub/Home/contests/sprints/early-bird-sprint>

North American RTTY QSO Party
18:00 UTC 20 July to 05:59 UTC 21 July
Geographic Focus: North America
Participation: Worldwide
Awards: North America
Mode: RTTY
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op – QRP or low; Multi-Two - low
Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours
Max power: LP: 100 watts; QRP: 5 watts
Exchange: NA: Name and state, DC, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state/DC (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 05:59 UTC 26 July 2019
Upload log at:
<http://www.ncjweb.com/naqlogssubmit/>
Mail logs to: Mark Aaker, K6UFO, 300 Berry St., Unit 1009, San Francisco, CA 94158-1668, USA
Find rules at: <http://www.ncjweb.com/NAQP-Rules.pdf>

RSGB Low Power Contest
09:00 - 12:00 UTC and 13:00 - 16:00 UTC 21 July
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: Single Op - fixed or portable 10 W; Single Op - fixed or portable 3 W; Multi-Op -

fixed or portable 10 W; Multi-Op - fixed or portable 3 W
Exchange: RST and serial no and Power
QSO Points: 15 points per QSO with QRP portable/mobile station; 10 points per QSO with QRP fixed station; 5 points per QSO with non-QRP station
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 23:59 UTC 22 July 2019
Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>
Mail logs to: (none)
Find rules at: <https://www.rsgbcc.org/hf/rules/2019/rqrp.shtml>

CQC Great Colorado Gold Rush
20:00 - 21:59 UTC 21 July
Mode: CW
Bands: 20 m Only
Classes: (none)
Max power: 5 watts
Exchange: RST and state, province or country
QSO Points: 1 point per QSO; 5 points for QSO with W0CQC or N0CQC
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 20 August 2019
E-mail logs to: vkumagai@q.com

Mail logs to: (none)
Find rules at: <http://www.coloradoqrpclub.org/contests/gold.htm>

Run for the Bacon QRP Contest
01:00 - 03:00 UTC 22 July
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Band; All Band
Max power: 5 watts
Exchange: RST, state, province or country and member no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent
Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 28 July 2019
E-mail logs to: (none)
Upload log at: <http://qrptest.com/pigrun/autolog.php>
Mail logs to: (none)
Find rules at: <http://qrptest.com/pigrun/>

Next Week's Contests

SKCC Sprint, 00:00 - 02:00 UTC 24 July
Phone Fray, 02:30 - 03:00 UTC 24 July
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 24 July and 03:00 - 04:00 UTC 25 July
RSGB 80 m Club Championship, Data, 19:00 - 20:30 UTC 25 July
QRP Fox Hunt, 01:00 - 02:30 UTC 26 July
NCCC RTTY Sprint, 01:45 - 02:15 UTC 26 July
NCCC Sprint, 02:30 - 03:00 UTC 26 July
RSGB IOTA Contest, 12:00 UTC 27 July to 12:00 UTC 28 July
ARS Flight of the Bumblebees, 17:00 - 21:00 UTC 28 July
QCX Challenge, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 29 July and 03:00 - 04:00 UTC 30 July

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter